

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| S1 | 1 | ("20060289661").PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 09:29 |
| S2 | 8 | ((("6560741") or ("6418244") or ("6201901") or ("7350710") or ("5778011") or ("6126074") or ("4782221") or ("7377449")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 10:39 |
| S3 | 6 | ("4782221" "5591952" "5591956" "6201901" "6418244" "6560741"). PN. OR ("7377449").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 10:43 |
| S5 | 2065 | bi\$1directional and bar \$1code | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 11:10 |
| S6 | 307 | S5 and inverse | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 11:10 |
| S8 | 714 | S5 and (two dimensional or two-dimensional or 2-d) | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 11:11 |
| S9 | 184 | S6 and S8 | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 11:12 |
| S11 | 13 | ("4782221" "4910725" "5180901" "5304786" "5761219" "5778011" "6186485").PN. OR ("6560741").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 11:33 |
| S12 | 12 | ("5640466" "5862260" "5862270" "5974199"). PN. OR ("6418244").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 11:34 |
| S13 | 1407 | (235/494).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 11:34 |
| S14 | 1 | ("5380998").PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 11:38 |
| S15 | 17 | ("3731064" "3778597" "3882301" "4025442"). PN. OR ("5380998").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 11:47 |
| S16 | 1 | ("6179207").PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 12:00 |

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|-----|------|--|------------------------|-----|-----|------------------|
| S17 | 31 | ("4467207" "4680205" "4716438" "4768410" "4818850" "4924078" "5005873" "5023437" "5051779" "5128528" "5184003" "5380998" "5503904").PN. OR ("5984193").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 12:09 |
| S18 | 1 | ("7377449").PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/30 12:45 |
| S20 | 1464 | bar\$1code and read and forward and backward | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 14:40 |
| S21 | 599 | S20 and start and stop and bits | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 14:40 |
| S22 | 507 | S21 and width | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 14:41 |
| S24 | 431 | S21 and matrix | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 14:43 |
| S25 | 55 | S24 and S9 | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 14:43 |
| S26 | 3 | (bi-directional bar\$1code) or (bidirectional bar \$1code) | US-PGPUB; USPAT | ADJ | ON | 2008/10/30 15:19 |
| S28 | 3 | ("6296192" "6330976" "6418244").PN. OR ("7278585").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/30 17:06 |
| S29 | 2065 | bi\$1directional and bar \$1code | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S30 | 307 | S29 and inverse | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S31 | 714 | S29 and (two dimensional or two-dimensional or 2-d) | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S32 | 184 | S30 and S31 | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S33 | 1464 | bar\$1code and read and forward and backward | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S34 | 599 | S33 and start and stop and bits | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S35 | 431 | S34 and matrix | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S36 | 55 | S35 and S32 | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:34 |
| S38 | 376 | S35 not S36 | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:37 |
| S39 | 62 | S38 and error\$1correcting | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:38 |

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|-----|-----|--|------------------------------|-----|-----|---------------------|
| S40 | 0 | bar\$1code and (bch near error\$1correcting) | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:58 |
| S41 | 15 | (bch near error \$1correcting) | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 09:58 |
| S42 | 32 | bar\$1code and bch code | US-PGPUB; USPAT | ADJ | ON | 2008/10/31 10:04 |
| S43 | 42 | ("4447903" "4692603" "4754127" "4782221" "4924078" "4939354" "5051779" "5053609" "5060980" "5083214" "5091966" "5126542" "5128525" "5168147" "5221833" "5245165" "5337362" "5477037" "D377501").PN. OR ("5862270").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 10:06 |
| S44 | 9 | ("20050199721" "20050269416" "4725718" "4757537" "4775246" "4873645" "5513563" "5862270" "6543024").PN. OR ("7428996").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 10:07 |
| S45 | 2 | ("2005/0199721").URPN. | USPAT | ADJ | ON | 2008/10/31 10:10 |
| S46 | 1 | ("7032823").PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/31 10:14 |
| S47 | 11 | ("20030001013" "20030121978" "20040020989" "20040262393" "20050001033" "5726707" "6530523" "6601772" "6629635"). PN. OR ("7032823").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 10:15 |
| S48 | 117 | ("3632995" "3763467" "4113993" "4263504" "4430563" "4439672" "4695991" "4734565" "4814589" "4874936"). PN. OR ("4939354").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:16 |
| S49 | 62 | ("3632495" "3763467" "4113993" "4430563" "4439672" "4695991" "4734565" "4814589" "4874936" "4924078"). PN. OR ("5053609").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:17 |

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|-----|----|---|------------------------------|-----|----|---------------------|
| S50 | 38 | ("3763467" "4113993" "4430563" "4439672" "4542288" "4695991" "4734565" "4814589" "4874936" "4924078" "4947383").PN. OR ("5126542").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:18 |
| S51 | 11 | ("5126542" "5612524" "6181839" "6267296" "6429951" "6456798" "6752316" "6802454" "6814291" "6863218" "6866199").PN. OR ("7438232").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:18 |
| S52 | 21 | ("20020153423" "20030047612" "5128525" "5241166" "5477045" "5521372" "5726435" "5825015" "6000614" "6076738" "6095422" "6164552" "6267296" "6360948" "6429951" "6456798" "6530523" "6565003" "6612497").PN. OR ("6752316").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:20 |
| S53 | 11 | ("3864550" "3941979" "4286146" "4439672" "4947383" "4970712" "5073954" "5126542" "5202552" "5204515"). PN. OR ("5451764").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:26 |
| S54 | 14 | ("3864550" "3941979" "4286146" "4439672" "4947383" "4970712" "4982077" "4998009" "5051569" "5073954" "5101096" "5126542" "5202552" "5204515"). PN. OR ("5545890").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:27 |
| S55 | 5 | ("3991300" "4998010" "5126542" "5602382"). PN. OR ("6273340").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:31 |

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| S56 | 27 | ("20020036704" "20020044689" "20020088865" "20030009725" "3632995" "4896029" "4924078" "4999617" "5243655" "5329105" "5337362" "5369265" "5378881" "5477042" "5489769" "5523552" "5591956" "5612524" "5862270" "6082619" "6115508" "6456798" "6565003" "6802450"). PN. OR ("7028911").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:41 |
| S57 | 2037 | matrix code | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:45 |
| S58 | 976 | matrix code and two \$1dimensional | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:45 |
| S59 | 579 | matrix code and two \$1dimensional and (reversible or redundant or mirror or symmetric or symmetrical) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:46 |
| S61 | 219 | S59 and bar\$1code | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:47 |
| S62 | 18 | ("5298731" "5798513" "5959285" "6032861"). PN. OR ("6398117").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:55 |
| S63 | 8 | ("4282426" "4354101" "4450349" "5262625" "5319181" "5352878" "5479515").PN. OR ("6761314").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 11:58 |
| S64 | 8 | ("5304786" "5726435" "5742041" "5771245" "5811787" "6047892" "6081627" "6102289"). PN. OR ("7198194").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:04 |
| S65 | 5 | ("20020088865" "20040158724" "20060040746" "6081627").PN. OR ("7281660").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:07 |

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|-----|----|---|------------------------------|-----|-----|---------------------|
| S66 | 75 | ("3902049" "3980823" "4074114" "4578570" "4614362" "4731526" "4889367" "4988852" "5000529" "5078518" "5128528" "5153418" "5170044" "5189292" "5235167" "5276315" "5288986" "5296690" "5296693" "5298731" "5304787" "5355001" "5357094" "5367578" "5412198" "5414250" "5416311" "5428211" "5436437" "5442164" "5454054" "5468945" "5481100" "5486689" "5489769" "5513264" "5514858").PN. OR ("6032861").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:14 |
| S67 | 35 | ("3887792" "4059224" "4354101" "4794239" "4973829" "5113445" "5159635" "5241164" "5243655" "5337362"). PN. OR ("5479515").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:23 |
| S68 | 51 | ("3763467" "4263504" "4736109" "4924078" "4939354" "4998010" "5128528" "5204515"). PN. OR ("5288986").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:30 |
| S70 | 17 | ("4924078" "5128526" "5288986").PN. OR ("5825015").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:49 |
| S71 | 4 | binary matrix code | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/10/31 12:57 |
| S73 | 1 | ("5612524").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 11:10 |
| S74 | 1 | ("5243655").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 11:11 |
| S75 | 1 | ("5778011").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:29 |
| S76 | 1 | ("6126074").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:34 |

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|-----|-----|--|------------------------------|-----|----|---------------------|
| S77 | 30 | ("3847346" "4409470" "4816661" "5126544" "5138140" "5151581" "5235167" "5243655" "5278398" "5304786" "5319181" "5369265" "5378881" "5412194" "5414250" "5478997" "5504316" "5523552" "5553084" "5591956" "5635697" "5761219" "5790715" "5837986"). PN. OR ("6126074").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:36 |
| S78 | 98 | ("2612994" "3309668" "3409760" "3474230" "3492660" "3529133" "3543007" "3594735" "3632995" "3643068" "3774758" "3792236" "3811033" "3835297" "3894756" "3916160" "4034210" "4138058" "4163570" "4180284" "4211918" "4213040" "4239261" "4263504" "4275381" "4286146" "4489318" "4534031" "4591704" "4614366" "4707612" "4724322" "4736109" "4782221" "4786792" "4794239" "4811321" "4874936" "4910725" "4924078" "4998010" "5128526"). PN. OR ("5612524").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:36 |
| S79 | 134 | ("3647275" "3676644" "3761683" "3812328" "4654718" "4654793" "4660221" "4794239" "4835713" "4863196" "4893333" "4908873" "4949381" "4973829" "4975948").PN. OR ("5243655").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:37 |
| S83 | 12 | ("3831143" "4728783" "4882732" "4924078" "5140596" "5153928" "5473443" "5543937"). PN. OR ("5778011").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:38 |
| S84 | 246 | S77 or S78 or S79 or S83 | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:39 |

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|-----|------|---|------------------------------|-----|-----|---------------------|
| S85 | 225 | (235/456).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:39 |
| S87 | 1409 | (235/494).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:40 |
| S88 | 2329 | (235/487).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:40 |
| S89 | 2297 | (235/454).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:41 |
| S90 | 228 | (235/462.08).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:41 |
| S91 | 209 | (235/462.09).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 12:41 |
| S93 | 5769 | S87 OR S88 OR S89 OR S90 OR S91 | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:45 |
| S94 | 499 | S93 and (symmetry or symmetrical) | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:46 |
| S96 | 188 | S93 and (symmetry or symmetrical) and (two- dimensional or 2- dimensional or 2-d) | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:47 |
| S97 | 99 | S93 and (symmetry or symmetrical) and (two- dimensional or 2- dimensional or 2-d) and bar \$1code | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:48 |
| S98 | 4 | 09/870391 | US-PGPUB; USPAT | ADJ | ON | 2008/11/04 12:58 |
| S99 | 24 | ("4435835" "4934846" "4948955" "5091966" "5128525" "5168147" "5221833" "5337361" "5337362" "5449896" "5471533" "5506697" "5521368" "5644408" "5764774" "5811787" "5835639" "5862270" "5940135" "5974200" "6082619" "6115508" "6182901" "6418244"). PN. OR ("6814289").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:58 |

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|------|----|--|------------------------|-----|-----|------------------|
| S100 | 19 | ("4435835" "4948955" "5084143" "5091966" "5128525" "5521368" "5605738" "5621864" "5660925" "5835639" "5862270" "5895075" "5940135" "5974200" "6082619" "6115508" "6164548").PN. OR ("6869015").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:58 |
| S101 | 32 | S99 OR S100 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 12:59 |
| S102 | 8 | ("6115508" "6186406" "6201901" "6377261" "6565003" "6732928" "6869015" "7025268").PN. OR ("7267272").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/11/04 13:03 |
| S103 | 1 | ("6201901").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:14 |
| S104 | 3 | ((("5541396") or ("5818032") or ("3998556"))).PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/04 13:20 |
| S105 | 35 | (US-20060289661-\$ or US-20020056759-\$ or US-20020088865-\$ or US-20070030521-\$).did. or (US-4025442-\$ or US-5619027-\$ or US-6179207-\$ or US-5880451-\$ or US-7377449-\$ or US-5984193-\$ or US-5380998-\$ or US-6460766-\$ or US-5862270-\$ or US-4939354-\$ or US-7438232-\$ or US-6752316-\$ or US-5451764-\$ or US-5602382-\$ or US-6273340-\$ or US-6314406-\$ or US-7028911-\$ or US-6761314-\$ or US-5298731-\$ or US-4282426-\$ or US-5262625-\$ or US-5288986-\$ or US-5241164-\$ or US-5778011-\$ or US-6814289-\$ or US-7267272-\$).did. or (US-6663008-\$ or US-5337361-\$ or US-5506697-\$ or US-5605738-\$ or US-5660925-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 13:05 |
| S106 | 0 | ("L2and(bi\$1directionorbi\$1directional)").PN. | US-PGPUB; USPAT | OR | OFF | 2008/11/12 13:06 |

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| S107 | 4 | S105 and (bi\$1direction or bi\$1directional) | US-PGPUB; USPAT | ADJ | ON | 2008/11/12 13:06 |
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11/ 19/ 2008 1:43:11 PM

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